

25th International Spin Symposium (SPIN 2023)

Monday, September 25, 2023

Fundamental Symmetries and Spin Physics Beyond the Standard Model: Fundamental Symmetries I - Grand Ballroom 2 (2:00 PM - 3:40 PM)

time	[id] title	presenter
2:00 PM	[285] Selected results on the electric dipole moments from lattice QCD	SHINDLER, Andrea
2:20 PM	Discussion	
2:25 PM	[231] Neutron Electric Dipole Moment from Isovector Quark Chromo-Electric Dipole Moment	YOO, Jun-Sik
2:45 PM	Discussion	
2:50 PM	[302] The neutron electric dipole moment search at Los Alamos National Laboratory	WONG, Douglas
3:10 PM	Discussion	
3:15 PM	[104] Measurement of the deuteron electric dipole moment using a storage ring	SHMAKOVA, Vera
3:35 PM	Discussion	

Fundamental Symmetries and Spin Physics Beyond the Standard Model: Fundamental Symmetries II - Grand Ballroom 2 (4:00 PM - 5:55 PM)

time	[id] title	presenter
4:00 PM	[310] Transverse single-spin asymmetries as a probe of anomalous dipole moments	PETRIELLO, Frank
4:20 PM	Discussion	
4:25 PM	[252] Spin-Dependent Fifth-Force Search and Measurement of Compensated Ferrimagnetism in Terbium Iron Garnet using Neutron Spin Echo Spectroscopy and Neutron Radiography	HUGHES, Caleb
4:45 PM	Discussion	
4:50 PM	[162] Helicity of Relic Neutrinos	PENG, Jen-Chieh
5:10 PM	Discussion	
5:15 PM	[55] Origin of spin in non-relativistic quantum physics	BHATTACHARYA, Kolahal
5:35 PM	Discussion	

Tuesday, September 26, 2023

Fundamental Symmetries and Spin Physics Beyond the Standard Model: Fundamental Symmetries III - Junior A3 (11:00 AM - 12:40 PM)

time	[id] title	presenter
11:00 AM	[301] Baryon number-violating amplitudes on a lattice	SYRITSYN, Sergey
11:20 AM	Discussion	
11:25 AM	[9] An Update To The First Search for Neutron to Mirror-Neutron Oscillations Using Neutron Electric Dipole Moment Measurements	Dr MOHANMURTHY, Prajwal
11:45 AM	Discussion	
11:50 AM	[293] Hadronic parity violation in few-nucleon systems	SCHINDLER, Matthias
12:10 PM	Discussion	
12:15 PM	[204] Is there evidence of strong parity violation in the proton?	CERUTTI, Matteo
12:35 PM	Discussion	

Wednesday, September 27, 2023

Fundamental Symmetries and Spin Physics Beyond the Standard Model: Fundamental Symmetries IV - Junior Ballroom

A3 (9:00 AM - 10:45 AM)

time	[id] title	presenter
9:00 AM	[297] High Precision Parity Experiments as a Probe for new Physics and Benchmark Measurements	Prof. GERICKE, Michael
9:25 AM	Discussion	
9:30 AM	[298] Update of the muon g-2 measurement at Fermilab	POCANIC, Dinko
9:50 AM	Discussion	
9:55 AM	[280] Toward testing the magnetic moment of the tau at one part per million	RONEY, Michael
10:15 AM	Discussion	
10:20 AM	[282] Mu2e: Probing the Frontiers of Physics Using Muons	DUKES, Edmond
10:40 AM	Discussion	